

Appl. No.: 10/630,330
 Amdt. dated December 3, 2003
 Preliminary Amendment

On page 12, in the Detailed Description of the Drawings please replace the description of figures 9A and 9B as follows:

--Figs. 9A and 9B are microphotographs of polarized ultraviolet light microscopy illumination that shows the absence of tetracycline labeling in a patient on long-term bisphosphonate treatment (9A), and normal labeling in a normal subject (9B); and--

On page 32, please replace paragraph [0084] as follows:

--[0084] Histomorphometric findings in trabecular bone are summarized in Table 1. As shown in Figs. 9A and 9B, bone formation were markedly diminished with low osteoblast surface (Ob.S/BS) and absence of double tetracycline label (dLS) and absent or diminished single label (sLS) in all specimens. Before a biopsy was obtained, tetracycline was given in two ~~courses~~ courses 10 days apart. Tetracycline is picked up in ~~area~~ areas of active bone formation, imparting yellow fluorescent lines under ~~polarized ultraviolet light microscopy illumination~~. Figs. 9A and 9B are microphotographs of a single trabeculus under polarized ultraviolet light microscopy illumination that shows the absence of tetracycline labeling in a patient on long-term bisphosphonate treatment (9A), and normal labeling in a normal subject (9B). Two courses of tetracycline were given 10 days apart. Tetracycline is picked up in area of active bone formation, imparting yellow lines under polarized light microscopy. The distance between two labels represent the amount of new bone ~~formed-mineralized~~ over 10 days. Absence of tetracycline labeling indicated markedly impaired bone formation. Bone resorption (destruction) parameters (ES/BS and Oc.S/BS) were also decreased in 3 patients. A similar trend was observed in cortical bone (data not shown).--

On page 32, please replace the footnote to Table 1 as follows:

--Abbreviations: BV = bone volume; TV = total volume; OV = osteoid volume; ~~Oc.S/BS~~ Oc.S/BS = osteoclastic surface/bone surface; ES = eroded surface; Ob.S = osteoblastic surface; dLS = double-label tetracycline label; sLS = single tetracycline label. * = probably falsely high, since ~~osteoclasts~~ osteoblasts appeared flat and inactive. --